

Supplier

TOSHIBA CARRIER CORPORATION

Indoor unit RAS-16PKVPG-E

Outdoor unit RAS-16PAVPG-E

Sound power level

indoor unit (cooling) dB 60

outdoor unit (cooling) dB 64

indoor unit (heating) dB 61

outdoor unit (heating) dB 65

Refrigerant

Type R32

Global Warming Potential kgCO₂eq 675

Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

Cooling

Energy efficiency class A+++

Design load (P_{designc}) kW 4.5

Seasonal efficiency (SEER) 8.50

Seasonal electricity consumption (Q_{CE}) kWh/annum 185

Heating

		Heating/Average	Heating/Warmer	Heating/Colder
Energy efficiency class		A++	A+++	x
Design load (Pdesignh)	kW	4.5	2.5	x,x
Seasonal efficiency (SCOP)		4.60	6.00	x,xx
Seasonal electricity consumption (Q _{HE})	kWh/annum	1369	584	x
Back up heating capacity	kW	1.11		
Declared capacity for heating, at indoor temperature 20°C and outdoor temperature T_j.				
T _j = -7°C (Pdh)	kW	3.98	-	x,xx
T _j = 2°C (Pdh)	kW	2.47	2.47	x,xx
T _j = 7°C (Pdh)	kW	1.58	1.58	x,xx
T _j = 12°C (Pdh)	kW	1.31	1.31	x,xx
T _j =bivalent temperature (Pdh)	kW	3.98	2.47	x,xx
T _j =operation limit (Pdh)	kW	2.40	2.40	x,xx
T _j = -15°C (Pdh)	kW	-	-	x,xx